

Material Safety Data Sheet

| Chemical I Code No. Name of tl | MS 2046L Identification : MS 2046L | |
|---|---|--|
| Code No. | : MS 2046L | |
| | | |
| Name of the | | |
| | | |
| Produced I | , | |
| Address | : 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA) | |
| Tel. NO. | : 00 91 11 49404040 | |
| Hazards Ide | entification | |
| 2.1 | Classification of the substance or mixture CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP] | |
| | Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008. | |
| 2.2 | Label elements Labeling according to Regulation (EC) No.1272/2008 | |
| | The product does not need to be labelled in accordance with EC directives or respective national laws. | |
| 2.3 | Other Hazards None | |
| Composition/Information On Ingredients | | |
| | | |
| 3.1 | Mixture | |
| | No components need to be disclosed according to the applicable regulations. | |
| | All ingredients in thismixture are nonhazardous. | |
| First - Aid | Measures | |
| | Description of first aid measures | |
| 4.1 | General advice | |
| | Consult a physician. Show this safety data sheet to the doctor in attendance. If inhaled | |
| | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult aphysician. | |
| | In case of skin contact | |
| | Wash off with soap and plenty of water. Consult a physician. | |
| | In case of eye contact | |
| | Rinse immediately with plenty of water for at least 15 minutes. Consult a physician. <i>If swallowed</i> | |
| | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult aphysician. | |
| 4.2 | Most important symptoms and effects, both acute and delayed No data available. | |
| 4.3 | Indication of immediate medical attention and special treatment needed No data available | |
| | 2.1 2.2 2.3 Compositio 3.1 First - Aid 4.1 | |





| Section 5 | Fire Fighting Measures | | | |
|-----------|--|--|--|--|
| | 5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Unsuitable extinguishing media No data available. 5.2 Special hazards arising from the substance or mixture Nature of decomposition products not known. | | | |
| | 5.3 Precautions for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary 5.4 Further information No data available | | | |
| Section 6 | Accidental Release Measures | | | |
| | 6.1 Personal precautions, protective equipment and emergency procedures Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. 6.2 Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. 6.3 Methods and materials for containment and cleaning up Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. 6.4 Reference to other sections For disposal see Section 13. | | | |
| Section 7 | Handling and Storage | | | |
| | 7.1 Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal | | | |
| | measures for preventive fire protection. Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended Storage Temperature : On receipt store between 2-8°C Specific end uses Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. | | | |
| Section 8 | Exposure Controls / Personal Protection | | | |
| | 8.1 Control parameters Components with workplace control parameters 8.2 Exposure controls Appropriate engineering controls | | | |
| | Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products. <i>Personal protective equipment</i> <i>Hygiene measure</i> Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product. <i>Eye/face protection</i> Tightly fitting saftey goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). <i>Skin protection</i> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive | | | |



Material Safety Data Sheet

| | | 89/686/EEC and the standard EN 374 de | erived from it. | | | |
|------------|---|---|--|--|--|--|
| | | Body protection | | | | |
| | Complete suit protecting against chemicals. The type of protective equipment must be selected according | | | | | |
| | to the concentration and amount of the dangerous substance at the specific workplace. | | | | | |
| | | Respiratory protection | | | | |
| | | | ing respirators are appropriate use a full-face respirator with multi- | | | |
| | | purpose combination (US) or type ABEK | (EN 14387) respirator cartridges as a backup to engineering controls. | | | |
| | | | otection, use a full-face supplied air respirator. Use respirators and | | | |
| | | | r appropriate government standards such as NIOSH (US) or CEN (EU). | | | |
| | | Environment exposure controls | | | | |
| | | Do not empty into drains. | | | | |
| Section 9 | Physical and Chemical Properties | | | | | |
| | 9.1 Information on basic physical and chemical properties | | | | | |
| | | Appearance | Yellow coloured milky, slightly viscous | | | |
| | | | solution, having resuspendable precipitate | | | |
| | | Odour | No data available | | | |
| | | Odour Threshold | No data available | | | |
| | | pH | No data available | | | |
| | | Melting/freezing point | No data available | | | |
| | | Initial boiling point and boiling range | No data available | | | |
| | | Flash point | No data available | | | |
| | | Flammability (Solid, gas) | No data available | | | |
| | | Vapour pressure | No data available | | | |
| | | Relative density | No data available | | | |
| | | Water Solubility | No data available | | | |
| | | Partition coefficient: n-octanol/water | No data available | | | |
| | | | No data available | | | |
| | | Autoignition Temperature | No data available | | | |
| | | Viscosity | | | | |
| | | Explosive properties | No data available | | | |
| | | Oxidizing properties | No data available | | | |
| | | Vapour density | No data available | | | |
| | | Thermal decomposition | No data available | | | |
| | 9.2 | Other safety information | | | | |
| | | No data available | | | | |
| Section 10 | Stability and Reactivity | | | | | |
| | 10.1 | Reactivity | | | | |
| | | No data available | | | | |
| | 10.2 | Chemical stability | | | | |
| | 10.2 | No data available | | | | |
| | 10.3 | Possibility of hazardous reactions | | | | |
| | | No data available | | | | |
| | 10.4 | Conditions to avoid | | | | |
| | 10 5 | No data available | | | | |
| | 10.5 | Incompatible materials | | | | |
| | 10.6 | No data available Hazardous decomposition products | | | | |
| | 10.0 | | | | | |
| | | Other Decomposition products not known | | | | |





| Section 11 | Toxicological Information | | | |
|------------|---|--|--|--|
| | 11.1 Information on toxicological effects | | | |
| | Acute toxicity | | | |
| | No data available | | | |
| | Skin corrosion/irritation | | | |
| | Mixture may cause skin irritation. | | | |
| | Serious eye damage/eye irritation | | | |
| | Mixture may cause eye irritation. | | | |
| | Respiratory or skin sensitisation | | | |
| | Mixture may cause skin | | | |
| | sensitisation. | | | |
| | Germ cell mutagenicity | | | |
| | No data available | | | |
| | Carcinogenicity | | | |
| | IARC: No component of this product present at levels greater than or equal to 0.1% is identified as | | | |
| | probable, possible or confirmed human carcinogen by IARC. | | | |
| | Reproductive toxicity | | | |
| | No data available | | | |
| | Specific target organ toxicity- single exposure | | | |
| | No data available | | | |
| | Specific target organ toxicity - repeated exposure | | | |
| | No data available | | | |
| | Aspiration hazard | | | |
| | No data available | | | |
| | Potential Health Effects Inhalations | | | |
| | REFER SECTION 2 | | | |
| | Skin | | | |
| | REFER SECTION 2 | | | |
| | | | | |
| | Eyes | | | |
| | REFER SECTION 2 | | | |
| | Ingestion | | | |
| | REFER SECTION 2 | | | |
| | Additional Information | | | |
| | RTECS : Not Available | | | |
| Section 12 | Ecological Information | | | |
| 220001112 | | | | |
| | 12.1 Toxicity | | | |
| | No data available | | | |
| | 12.2 Persistence and degradability | | | |
| | No data available | | | |
| | 12.3 Bioaccumulative potential | | | |
| | No data available | | | |
| | 12.4 Mobility in soil | | | |
| | No data available | | | |
| | 12.5 PBT and vPvB assessment | | | |
| | PBT/vPvB assessment was not conducted as chemical safety assessment is not required. | | | |
| | 12.6 Other adverse effects | | | |
| | No data available | | | |
| | | | | |





| Section 13 | Disposal Considerations | | | |
|------------|---|--|--|--|
| | 13.1 | Waste treatments methods | | |
| | | Product | | |
| | | Offer surplus and non-recyclable solutions to a licenced disposal company. Contact a | | |
| | | licenced professional waste disposal service to dispose off this material. | | |
| | 13.2 Contaminated packaging | | | |
| | | Dispose of as unused product. | | |
| Section 14 | Transport Information | | | |
| 50000111 | 14.1 | UN-No | | |
| | | ADNR: ADR: IATA C: IATA P: IMDG: RID : | | |
| | 14.2 | UN proper shipping name | | |
| | 14.2 | | | |
| | | ADNR : Not dangerous goods . ADR : Not dangerous goods | | |
| | | IATA C : Not dangerous goods | | |
| | | IATA_P : Not dangerous goods | | |
| | | IMDG : Not dangerous goods . | | |
| | | RID : Not dangerous goods | | |
| | | | | |
| | 14.3 | Transport hazard class (es) | | |
| | | ADNR: ADR: IATA_C: IATA_P: IMDG: RID: | | |
| | 14.4 | Packaging group ADNR: ADR : IATA_C : IATA_P : IMDG: RID: | | |
| | 14.5 | Environmental hazards | | |
| | | ADNR : No ADR : No IMDG : Marine pollutant No IATA_C : No IATA_P : No RID : No | | |
| | 14.6 | Special precautions for use | | |
| | <u> </u> | No data available | | |
| Section 15 | • | ry Information | | |
| | | y datasheet complies with the requirements of Regulation (EC) No. 1907/2006. | | |
| | 15.1 | Safety health and environment regulations/legislation specific for the substance or mixture | | |
| | | No data available | | |
| | 15.2 | Chemical Safety Assessment | | |
| | | No data available | | |
| Section 16 | Other Info | ormation | | |
| | Further Information | | | |
| | The information contained in this data sheet represents the best information currently available to us. However, no | | | |
| | warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is | | | |
| | | blely for user's obligation to investigate and determine the suitability of the information for their particular | | |
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